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Approved for use through 10/31/2002 OMB 0651-0032

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

740301-415

First Inventor

Harry Michael O'Sullivan

Title

CELLULAR TELEPHONE DATA  
COMMUNICATION SYSTEM AND  
METHOD**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification [Total Pages 16]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Sheets 8]
- a. ☐ Newly executed (original or copy)
- b. ☒ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)
6. ☒ Application Data Sheet See 37 CFR 1.76

ADDRESS TO: Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on.
1. ☐ CD-ROM or CD-R (2 copies, or
- 11 ☐ paper
- c. ☐ Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of  
(when there is an assignee) Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☒ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122  
(b)(2)(B)(I). Applicant must attach form PTO/SB/35  
or its equivalent.
17. ☒ Other: Power of Attorney, copy of postcard,  
Request for Abstract of Title, Offer to Surrender  
Original Patent Under 37 CFR 1.178, Assent To  
Reissue, Request for Transfer of Drawings, and  
Verified Statement Claiming Small Entity.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76

☐ Continuation ☒ Divisional ☐ Continuation-in-part (CIP) of prior application No. 08/436,863

Prior application information.

Examiner N. Maung

Group / Art Unit 2744

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	22204 (Insert Customer No. or Attach bar code label here)	or	<input checked="" type="checkbox"/> Correspondence address below
Name	NIXON PEABODY LLP		
Address	8180 Greensboro Drive, Suite 800		
City	McLean	State	VA
Country	United States	Zip Code	22102
	Telephone	(703) 790-9110	Fax (703) 883-0370
Name (Print/Type)	Charles M. Leedom	Registration No. (Attorney/Agent)	26,477
Signature	Charles M. Leedom Jr.	Date	April 17, 2001

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**FEE TRANSMITTAL  
FOR FY 2001**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT**

(\$) 710.00

**Complete if Known**

Application Number	Divisional of Serial No. 08/436,863
Filing Date	April 17, 2001
First Named Inventor	Harry Michael O'Sullivan
Examiner Name	
Group Art Unit	
Attorney Docket No.	740301-415

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit  
Account  
Number

19-2380

Deposit  
Account  
Name

Nixon Peabody LLP

- ☒
- Charge Any Additional Fee Required
- 
- Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.  
See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit Card ☐ Money  
Order ☐ Other**FEE CALCULATION****BASIC FILING FEE**

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	710	201 355 Utility filing fee	710.00
106	320	206 160 Design filing fee	
107	490	207 245 Plant filing fee	
108	710	208 355 Reissue filing fee	
114	150	214 75 Provisional filing fee	

**SUBTOTAL (1)** (\$)710.00**EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
5	-20** = 0	X	
Independent Claims	1	-3** =	
Multiple Dependent			

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
103	18	203 9 Claims in excess of 20	
102	80	202 40 Independent claims in excess of 3	
104	270	204 135 Multiple dependent claim, if not paid	
109	80	209 40 ** Reissue independent claims over original patent	
110	18	210 9 ** Reissue claims in excess of 20 and over original patent	

**SUBTOTAL (2)** (\$)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English transaction	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR § 1.29(b))	
179	710	249	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$)**SUBMITTED BY**

Name (Print/Type)

Charles M. Leedom, Jr.

Registration No.  
(Attorney/Agent)

26,477

**Complete (if applicable)**

Telephone

(703) 790-9110

Signature

Date

April 17, 2001

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR

Docket: 89-R291-USA-L



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In re REISSUE PATENT APPLICATION of )  
HARRY M. O'SULLIVAN )  
U.S. Patent No. 4,697,281 )  
Title: CELLULAR TELEPHONE DATA )  
COMMUNICATION SYSTEM AND )  
METHOD )  
Issued: September 29, 1987 )

REQUEST FOR ABSTRACT OF TITLE

HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS

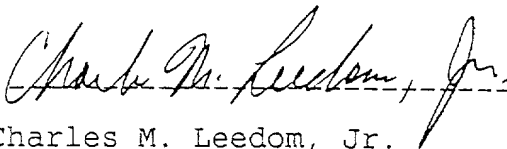
Washington, D.C. 20231

Sir:

Please prepare a certified Abstract of Title in respect of the above-identified original Patent for placing in the official file of the Reissue Application which is filed herewith.

For the fee required by 37 CFR 1.19(b)(2), please find included herewith payment in the amount of \$12.00. If this amount is incorrect, please charge any balance due, or credit any overpayment, to the deposit account of the undersigned, Deposit Account No. 19-2380. A duplicate of this request is attached.

Respectfully submitted,

  
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Charles M. Leedom, Jr.

Reg. No. 26,477

Sixbey, Friedman, Leedom & Ferguson, P.C.  
2010 Corporate Ridge  
McLean, Virginia 22102

TO: "4945660"



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In re REISSUE PATENT APPLICATION of )  
HARRY M. O'SULLIVAN )  
U.S. Patent No. 4,697,281 )  
Title: CELLULAR TELEPHONE DATA )  
COMMUNICATION SYSTEM AND )  
METHOD )  
Issued: September 29, 1987 )

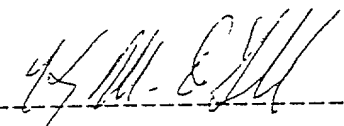
OFFER TO SURRENDER ORIGINAL PATENT  
UNDER 37 CFR 1.178

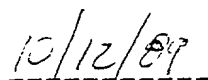
Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

The undersigned applicant of the accompanying reissue application for the reissue of Letters Patent identified above hereby offers to surrender said Letters Patent.

Filed herewith is a request for an abstract of title and the assent of the assignee of record, Spectrum Cellular Communications Corporation, Inc.

  
-----  
Harry M. O'Sullivan

  
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Date

Docket: 89-R291-USA-L



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
In re REISSUE PATENT APPLICATION of )  
HARRY M. O'SULLIVAN )  
U.S. Patent No. 4,697,281 )  
Title: CELLULAR TELEPHONE DATA )  
COMMUNICATION SYSTEM AND )  
METHOD )  
Issued: September 29, 1987 )

ASSENT TO REISSUE

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

The Spectrum Cellular Communications Corporation,  
Inc. the reissue of the above-identified application by  
the inventor, Harry M. O'Sullivan and requests that  
this reissue application be granted to Spectrum  
Cellular Communications Corporation, Inc.

Respectfully submitted,

SPECTRUM CELLULAR COMMUNICATIONS  
CORPORATION, INC.

By: 

Dana C. Verrill  
President

(name)

(Title)

10/12/83

Date

Docket: 89-R291-USA-L

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re REISSUE PATENT APPLICATION of )  
HARRY M. O'SULLIVAN )  
U.S. Patent No. 4,697,281 )  
Title: CELLULAR TELEPHONE DATA )  
COMMUNICATION SYSTEM AND )  
METHOD )  
Issued: September 29, 1987 )

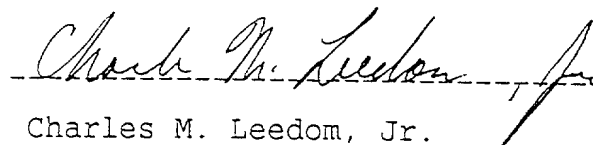
REQUEST FOR TRANSFER OF DRAWINGS

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Upon notice of allowance in this application,  
please transfer the formal drawings from the file of  
the above-identified patent to this application.

Respectfully submitted,

  
Charles M. Leedom, Jr.

Reg. No. 26,477

9-29-89

Date